## IN THE CLAIMS

Claims 1-8 remain in the case.
Please ament claim 1 as shown below.

1. (Currently amended) A coupling assembly for connecting, as an axially serial con	ntinuation,
a down hole motor rotor to an output shaft of the down hole motor output shaft, the	e coupling
assembly comprising:	

- a) a first flexible coupling, having a first lubricant space therein, arranged for connection, at a first end, to the output shaft and connected at a second end to a second flexible coupling;
- b) <u>said</u> a second flexible coupling, having <u>a second</u> lubricant space therein, arranged for connection at a third end to the first coupling and arranged, at a fourth end **arranged**, for connection to the motor rotor;
- c) a first flexible seal situated in the first flexible coupling, arranged to function as a closure for the said first lubricant space between the first and second ends, the seal comprising a first metal sleeve sealingly and peripherally attached to one end of the first coupling, a first elastomer sleeve sealingly and peripherally attached at one end to the inside surface of the distal end of the first metal sleeve and sealingly and peripherally attached at the other end to the other end of the first flexible coupling;
- d) a second flexible seal situated in the second flexible coupling, arranged to function as a closure for <u>said second lubricant</u> space between the third and fourth ends, the seal comprising a second metal sleeve sealingly and peripherally attached to one end of the <u>first second</u> coupling, a second elastomer sleeve peripherally attached at one end to <u>the inside surface of</u> the distal end of the second metal sleeve and sealingly <u>and</u> peripherally attached at the other end to the other end of the second flexible coupling; <u>and</u>
- e) at least one variable volume lubricant reservoir in the assembly and arranged with fluid channels to provide lubricant to at least one of the said first and said second lubricant spaces unoccupied spaces of at least one of the couplings.
- 2. (original) The coupling assembly of claim 1 wherein the variable volume reservoir comprises two variable volume reservoirs, each variable volume reservoir arranged to supply

lubricant to a different one of the two couplings.

- 3. (original) The coupling assembly of claim 1 wherein each elastomer sleeve is bonded to its related metal sleeve.
- 4. (original) The coupling assembly of claim 1 wherein each elastomer sleeve is attached to the other end of the related flexible coupling by a retaining peripheral band.
- 5. (original) The coupling assembly of claim 1 wherein the flexible sleeve is attached to the metal sleeve by radial force exerted by an internal peripherally expanded band.
- 6. (original) The coupling assembly of claim 1 wherein the elastomer sleeve is related to mounting provisions such that, when the related coupling is straight, the elastomer sleeve is in initial axial tension.
- 7. (original) The coupling assembly of claim 1 wherein the elastomer sleeve is related to mounting provisions such that, when the related coupling is straight, the elastomer sleeve is in initial axial compression.
- 8. (original) The coupling assembly of claim 1 wherein the elastomer sleeve is provided with a security ring expanded inside the elastomer sleeve to urge it against the related metal sleeve.
- 9. (withdrawn) A down hole motor flexible coupling for use as an axially serial coupling between the down hole motor rotor and the output shaft of the down hole motor, the flexible coupling comprising:
- a) a first coupling portion, having a first axis, with first abutment surfaces arranged to deliver rotational force about the first axis;
- b) a second coupling portion, having a second axis, with second abutment surfaces to deliver rotational forces to the first abutment surfaces to transmit torque along the axes which are mutual

## extensions;

- c) lubricant channels, between the portions, arranged to provide lubricant to the abutment surfaces;
  - d) a hermetic seal providing closure between the two portions, the seal comprising;
- e) a metal sleeve sealingly attached to the outer surface of one portion and extending axially toward the other portion;
- f) an elastomer sleeve sealingly attached to the metal sleeve and extending axially toward the other sleeve and sealingly clamped peripherally at the distal end to the other portion;
- g) a variable volume lubricant reservoir in one portion with fluid channels providing lubricant communication to the lubricant channels;
  - h) the hermetic seal providing closure between the two portions.
- 10. (withdrawn) The down hole motor flexible coupling according to claim 9 wherein an annular ring is situated inside the elastomer sleeve and expanded therein to provide radial compression to the inner surface of the elastomer sleeve to urge it against the inner surface of the metal sleeve.
- 11. (withdrawn) The down hole motor flexible coupling according to claim 9 wherein the elastomer sleeve is sealingly clamped to the other portion by a band situated on the outer surface of the elastomer sleeve to secure it to the other portion.
- 12. (withdrawn) A sealed coupling assembly for connecting, as an axially serial continuation, a down hole motor rotor to the down hole motor output shaft, the coupling assembly comprising:
- a) a first flexible coupling, having lubricant space therein, arranged for connection, at a first end, to the output shaft;
- b) a second flexible coupling, having lubricant space therein, arranged for connection at a third end to the first coupling and arranged, at a fourth end arranged for connection to the motor rotor;
  - c) a first flexible seal situated in the first flexible coupling, arranged to function as a closure

for the lubricant space between the first and second ends, the seal comprising a first metal sleeve sealingly and peripherally attached to one end of the first coupling, a first flexible sleeve sealingly and peripherally attached at one end to the distal end of the first metal sleeve and sealingly and peripherally attached at the other end to a second metal sleeve which is sealingly attached to the other end of the first flexible coupling;

- d) a second flexible seal situated in the second flexible coupling, arranged to function as a closure for space between the third and fourth ends, the seal comprising a third metal sleeve sealingly and peripherally attached to one end of the first coupling, an second flexible sleeve peripherally attached at one end to the distal end of the third metal sleeve and sealingly peripherally attached at the other end to a fourth metal sleeve which is sealingly attached to the other end of the second flexible coupling;
- e) at least one variable volume lubricant reservoir in the assembly and arranged with fluid channels to provide lubricant to at least one of the un-occupied spaces of at least one of the couplings.
- 13. (withdrawn) The coupling assembly of claim 12 wherein said flexible sleeves are convoluted bellows.
- 14. (withdrawn) The coupling assembly of claim 13 wherein said convoluted bellows are supported internally by at least one hoop inside at least one convolution.
- 15. (withdrawn) The coupling assembly of claim 13 wherein said convoluted bellows is radially restrained by at least one band on the outside of at least one convolution.
- 16. (withdrawn) The coupling assembly of claim 13 wherein said convoluted bellows is of metal construction.
- 17. (withdrawn) The coupling assembly of claim 13 wherein said convoluted bellows are radially supported by a wear ring situated on the inside of at least one said convolution